A reference needs to be encoded only once no matter how many particles are reported for the reference. Do not abbreviate anywhere (including first author). Encode both the English and Russian versions of journals (where applicable), with their respective page numbers. If the reference is the first to measure a quantum number, then encode the appropriate letter (I, G, J, P, C) separately by particle. After encoding each reference, encode the measurements with their footnotes. Encode as much as possible using greek letters, upper and lower case, and correct mathematical notation. Keep references, measurements, and footnotes on the same page.

The encoder should note the name and address of the verifier if known, for the experiment. If known, the code representing the verifier [usually the Collaboration name, e.g., UA1, or an individual's name (with initials)] should be noted.

PDG physicists should indicate 'used/not used/best limits' on measurements. "Used" means the measurement should be used in averages, fits, estimates, etc. "Not used" means the measurement should not be used in averages, fits, estimates, etc. "Best limit" means the measurement should be bolded and placed in the Summary Tables. Note that "best limit" implies "used."

THIS ENCODING IS ENTIRELY FABRICATED

WHOEVER 87 SJNP 44 738 YAF 44 918 S071 IJP S072 IJ
Whoever, Bevins, Coutler, +
XYZ Collab. Verifier: XYZ

EVTNodeFNCLTECH CHG Comment MeasurementUsage $K^{-}p \to K^{-}p\pi^{+}\pi^{0}$ 22.4+-0.4+0.6-0.8 -0 S071R3 22k WAS used $K^- p \rightarrow K^- p \pi^+ \pi^0$ S072R4 G <75 95.5 12k WAS best limit S072R4 G WHOEVER 87 say that they are the definitive experiment.

SOMEONEDESOMEBODY 87 PRL 55 777
Someone de Somebody, Bean, Jones, Smith
FNAL, LBL, CERN, +

Verifier: E.L. Smith at FNAL

NodeFNMeasurement $CL \quad EVT$ TECH CHG Comment Usage $\pi^- p \rightarrow \pi^- \pi^+ \pi^0 p$ used S071R3 2.45+-0.43+-0.63 22k ASPK $\pi^- p o \pi^- \pi^+ \pi^0 p$ not used K S072R4 <1.0E-3 90 12k ASPK $\pi^+ p \to \pi^+ \pi^+ \pi^0 p$ not used ASPK 3.0E-3 17k S072R4 L,M SOMEONEDESOMEBODY 87 found lots of $\pi^- p \; \mathrm{data}$. S072R4 K SOMEONEDESOMEBODY 87 found even more π^+p data. \mathbf{L} S072R4 poor.**********UNDERGROUND******** S072R4 Μ Their analysis is ************************

NOTE that nodes are S071R3, S072R4, etc., NOT S71R3, S72R4, etc.

If you want to add a new data block or change the order of the data blocks, DO NOT RENAME the old ones. Tell us the new order and we will change the database. Names like R1, R4, and R7 are only labels and do not signify order. We never changes these names.

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PLEASE use a separate sheet for each reference (and associated data with footnotes). Also, gather all new headers and header text on a separate sheet of paper.

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EXAMPLES

REFERENCE

WHOEVER 87D SJNP 44 745 YAF 44 918 VERIFIER: G.W. Smith at LBL Whoever, Smith, et al. TPC Collab. M171 I^GJ^{PC} M172 IJ

MEASUREMENTS

M171R1 22.4 \pm 0.4 \pm 0.8 22k WAS +- $\pi^- p \to \pi^- \pi^+ \pi^0 p$ USED M171R2 G2 <75 90% 2 WAS + $\pi^+ p \to \pi^+ \pi^+ \pi^0 p$ BEST LIMIT

FOOTNOTES

M171R2 G2 WHOEVER 87D looked for this decay and found a limit of 75.

Remember to include:

page number of foreign journals the verifier I^GJ^{PC} : quantum numbers reported

FOOTNOTE PLACEMENT is:

D — (end of Data Block) (default)

S — (end of Section) (unstable mesons only)

P — (end of Particle) (unstable baryons only)

REFERENCE

SOMONEDESOMEBODY 87C PRL 53 745 VERIFIER: L.L Bean at BOST Someone de Somebody, Bean SLAC, BOST

MEASUREMENTS

M172R2 K <1.0E-3 90% 22k WAS 0 $K^-p \to K^-p\pi^+$ NOT USED M172R3 K,M 3.0E-3 17k WAS -0 $K^-p \to K^-p\pi^+\pi^0$ NOT USED

FOOTNOTES

M172R2 K SOMEONEDESOMEBODY 87C looked for this decay.

M172R3 K " " "

M172R3 M This analysis is poor. ******* NOTE: for internal PDG use only *******

Do not abbreviate the name in the DOCUMENT ID. Remove blanks. Use arbitrary occurrence letter — it will be made unique upon input into database

When sending an ASCII file,
use Upper and lower case;
spell out Greek symbols, etc.
(e.g., K-p-->K-ppi+pi0)
WRAP LINES SENSIBLY
WHEN > 80 CHARACTERS

HEADERS

FOR PARTICLE M171 (NEW)

 $\phi(6145) I^G(J^{PC}) = 0^-(1^{--})$

This is an imaginary particle for test purposes only.

 $\phi(6145)$ MASS (units are GeV)

 $\phi(6145) \text{ WIDTH}$ (units are GeV)

 $\phi(6145)$ DECAY MODES

 $\Gamma_1 \quad \phi(6145) \to e^+e^- \quad \text{(designator} = 1)$ $\Gamma_2 \quad \phi(6145) \to \gamma\gamma \quad \text{(designator} = 2)$

 ϕ (6145) BRANCHING RATIOS

M171R1 $\Gamma(e^+e^-)/\Gamma_{\rm total}$ Γ_1/Γ (desig. $1/\Gamma$) (units are 10^{-3}) M171R2 $\Gamma(\gamma\gamma)/\Gamma_{\rm total}$ Γ_2/Γ (desig. $2/\Gamma$) (units are 10^{-3}) $\frac{\Gamma_1/\Gamma \text{ is an example of GUIDE}}{\Gamma_1/\Gamma \text{ is an example of GUIDE}}$